

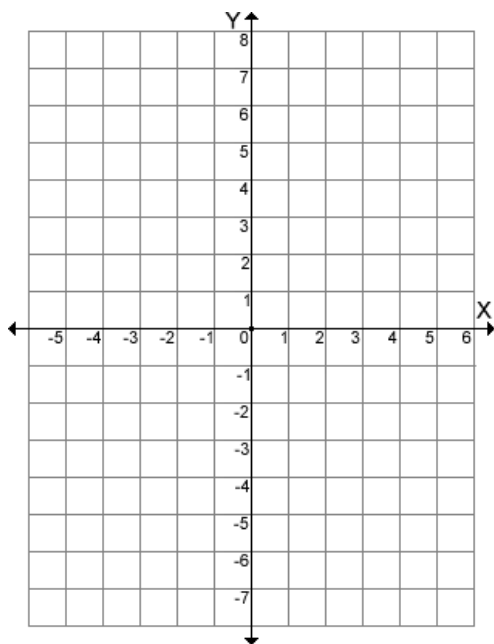
Name: _____

Date: _____

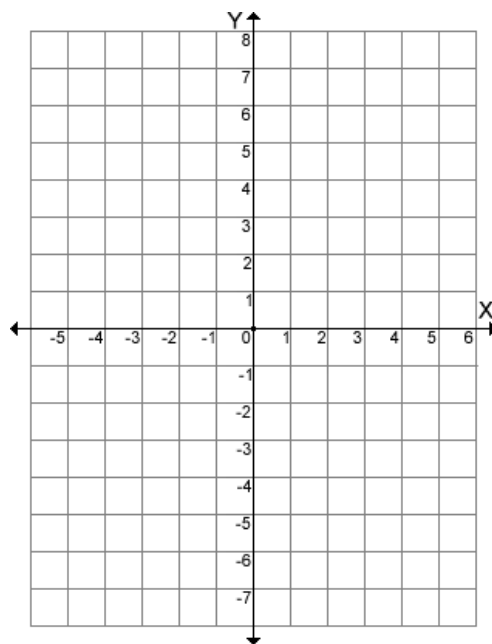
Chapter 6 Practice Test

Directions: Solve the system by graphing.

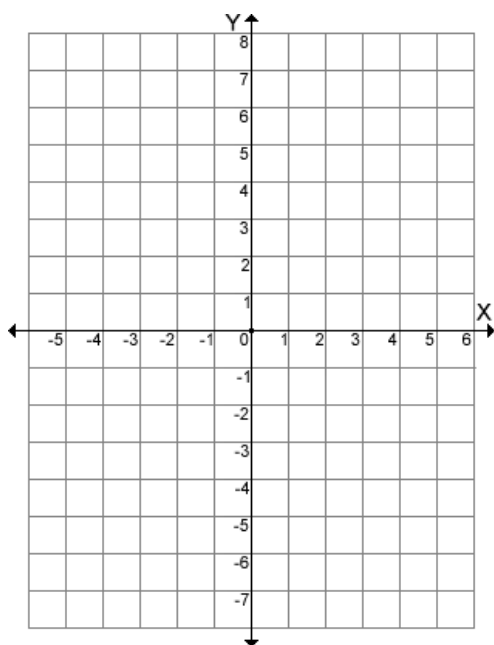
1.
$$\begin{cases} y = -3x + 4 \\ y = 2x - 1 \end{cases}$$



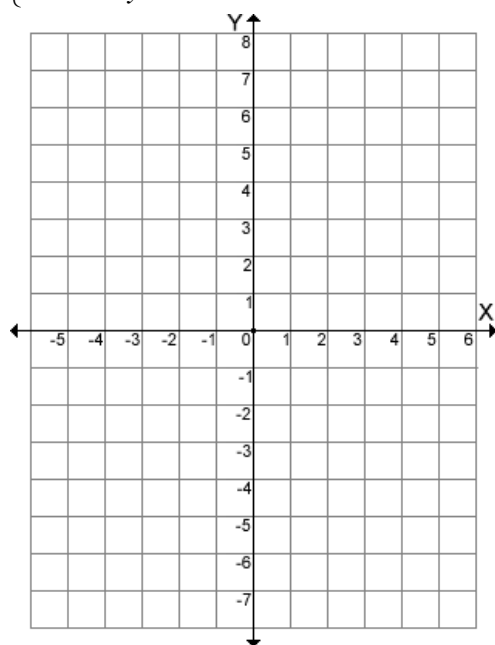
2.
$$\begin{cases} y = -x + 3 \\ y = \frac{3}{2}x - 7 \end{cases}$$



3.
$$\begin{cases} 6y - 3x > 6 \\ 3x + 4y > 24 \end{cases}$$



4.
$$\begin{cases} y \geq \frac{2}{3}x - 6 \\ -6x + 3y \leq 3 \end{cases}$$



Name: _____

Date: _____

Chapter 6 Practice Test

Directions: Solve each system by substitution.

5.
$$\begin{cases} 2x + y = 8 \\ y = x - 7 \end{cases}$$

6.
$$\begin{cases} -2x + y = 0 \\ 5x + 3y = -11 \end{cases}$$

Directions: Solve each system by elimination

7.
$$\begin{cases} -x + y = -1 \\ 2x - y = 0 \end{cases}$$

8.
$$\begin{cases} x - 10y = 60 \\ x + 14y = 12 \end{cases}$$

Name: _____

Date: _____

Chapter 6 Practice Test

Solve using Elimination

9.
$$\begin{cases} -3x + 4y = 12 \\ 2x + y = -8 \end{cases}$$

10.
$$\begin{cases} 5x + 2y = -1 \\ 3x + 7 = 11 \end{cases}$$

Verify if the given point is a solution to the system.

11. $(-4, 2)$
$$\begin{cases} 2x + 5y = 2 \\ y = 3x + 14 \end{cases}$$

12. $(3, -1)$
$$\begin{cases} 2x - 4 < -y \\ 5x + 4y \geq 11 \end{cases}$$

Directions: Solve each word problem.

13. Tom works in a man's clothing store. On Saturday he sold five suits and eight pairs of shoes for a total of \$3,100. On Sunday he sold three suits and five pairs of shoes for a total of \$1,885. How much does a suit cost? How much does a pair of shoes cost?

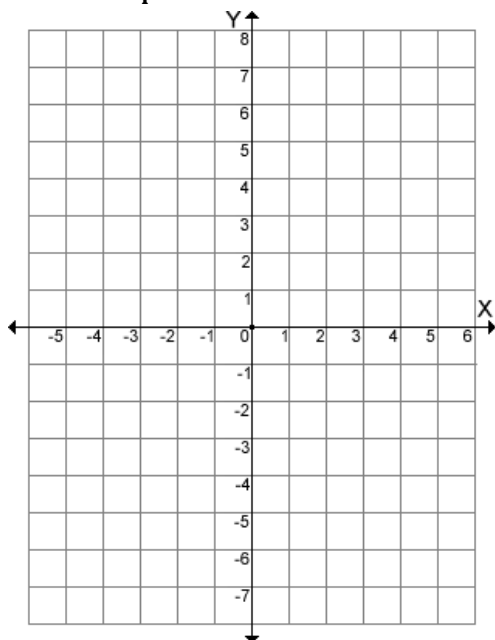
Name: _____

Date: _____

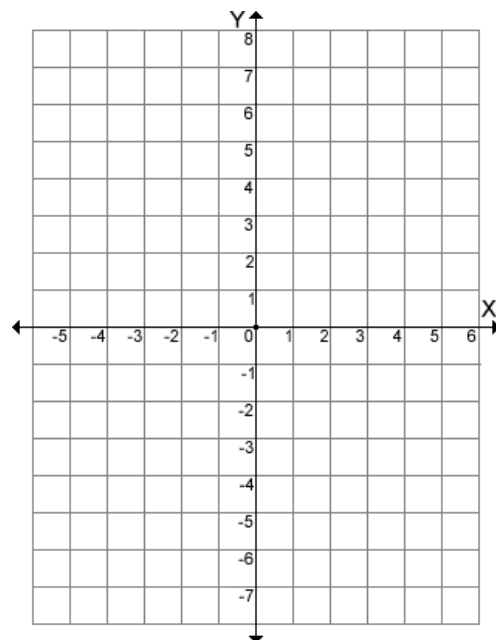
Chapter 6 Practice Test

Graph each linear Inequality

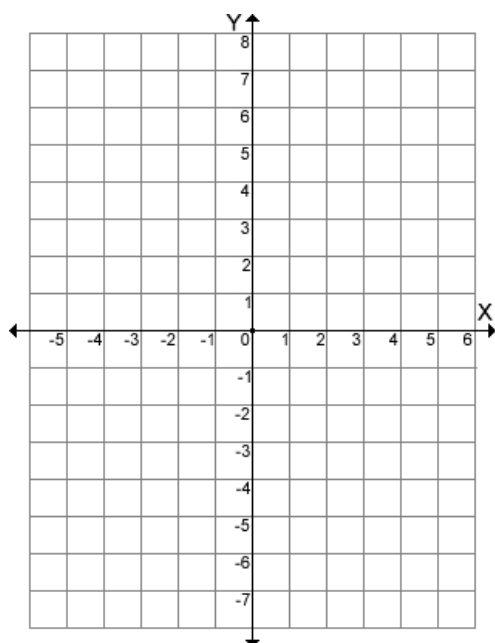
14. $y \leq \frac{3}{4}x - 5$



15. $5x - 10y < 20$



16. $y > -1$



17. $x \leq 2$

